

Title (en)
EXTRACTION FROM CELLS

Title (de)
EXTRAKTION AUS ZELLEN

Title (fr)
EXTRACTION À PARTIR DE CELLULES

Publication
EP 2707494 B1 20180425 (EN)

Application
EP 12725861 A 20120509

Priority
• GB 201107737 A 20110509
• GB 2012000423 W 20120509

Abstract (en)
[origin: WO2012153089A1] A method for releasing the content of the periplasmic space of bacterial cells is provided, which comprises incubating the bacterial cells in a solution containing styrene maleic acid copolymer (SMA). Also provided is a method of preparing a substantially pure sample of recombinant polypeptide. The methods find application in the recovery of materials, such as proteins, from bacterial cells.

IPC 8 full level
C12P 21/00 (2006.01); **C12N 1/06** (2006.01); **C12N 9/28** (2006.01)

CPC (source: EP US)
A61P 29/00 (2017.12 - EP); **C12N 1/06** (2013.01 - EP US); **C12N 9/2417** (2013.01 - EP US); **C12P 21/00** (2013.01 - EP US)

Citation (examination)
WO 2005110647 A1 20051124 - CA NAT RESEARCH COUNCIL [CA]

Designated contracting state (EPC)
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DOCDB simple family (publication)
WO 2012153089 A1 20121115; WO 2012153089 A8 20121220; CN 103649325 A 20140319; CN 103649325 B 20150909;
EP 2707494 A1 20140319; EP 2707494 B1 20180425; GB 201107737 D0 20110622; JP 2014512843 A 20140529; JP 5886940 B2 20160316;
US 2014199751 A1 20140717; US 9523086 B2 20161220

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GB 2012000423 W 20120509; CN 201280033450 A 20120509; EP 12725861 A 20120509; GB 201107737 A 20110509;
JP 2014509806 A 20120509; US 201214116584 A 20120509